

## CIRCULAR SAW

### ABSTRACT

1  
2 A circular saw having a saw blade depth adjustment detent mechanism for  
3 facilitating rapid positioning of a saw blade at predetermined depth positions includes  
4 a housing enclosing a motor disposed therein that rotates a circular saw blade. The  
5 circular saw includes a foot which rides on a workpiece to guide the saw blade during  
6 cutting operations. The saw blade depth adjustment detent mechanism pivotally  
7 interconnects the foot to said housing such that the circular saw blade is adjustable to  
8 the foot through a number of saw blade depth settings within a range of saw blade  
9 depth of cuts relative to the foot. The saw blade depth adjustment detent mechanism  
10 includes a saw blade depth detent and a second member having a plurality of spaced  
11 saw blade depth recesses that are each matingly engageable with the saw blade depth  
12 detent to provide the range of saw blade depths.